DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex*

Parte Quayle, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible

for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been

timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114.

Applicant's submission filed on 04 April 2008 has been entered.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Alessandro Steinfl, Reg. No. 56,448 on 09 January 2008.

1.   Replace claim 1 with the following (shown ***marked up*** here, followed by *clean version*):

1.   An apparatus for accessing data from a database through a security mechanism, the

database being accessible to a database access port, the security mechanism allowing access

through a security access port, the apparatus comprising:

       a first application ~~capable of~~ configured to be

             ~~being~~ executed on a client computer;

      one or more proxy objects

             being generated in response to

                  commands from the first application,

             the proxy objects requesting

                  data from a database;

      one or more drivers ~~capable of~~ configured to be

             ~~being~~ stored on a server computer; and

      a second application ~~capable of~~ configured to be

             ~~being~~ executed on a server computer

                  separated from the first application by the security mechanism,

             the second application

                  receiving the proxy objects from the first application,

                  generating a database query based on

                      the proxy objects and

                      the drivers and

                  returning the database query results to the first application,

          wherein the first application is configured

        to detect a request to pass the proxy objects through

            the database access port, and

       to switch passage of the proxy objects to

            the security access port, and

    wherein the second application is configured

       to return database query results to

           the first application through

              the security access port.

Clean claim version:

1.   An apparatus for accessing data from a database through a security mechanism, the

database being accessible to a database access port, the security mechanism allowing access

through a security access port, the apparatus comprising:

       a first application configured to be

           executed on a client computer;

       one or more proxy objects

           being generated in response to

              commands from the first application,

           the proxy objects requesting

              data from a database;

       one or more drivers configured to be

stored on a server computer; and

a second application configured to be

executed on a server computer

separated from the first application by the security mechanism,

the second application

receiving the proxy objects from the first application,

generating a database query based on

the proxy objects and

the drivers and

returning the database query results to the first application,

wherein the first application is configured

to detect a request to pass the proxy objects through

the database access port, and

to switch passage of the proxy objects to

the security access port, and

wherein the second application is configured

to return database query results to

the first application through

the security access port.

Examiner's Statement of Reasons for Allowance

2.   Claims 1-38 are allowed over prior art.

3.   This action is in reply to applicant's correspondence of 01 November 2007.

4.   The following is an examiner's statement of reasons for the indication of allowable

claimed subject matter.

5.   As per claims 1, 11, 20, 29 and 30 generally, prior art of record, Van Watermulen et al,

U.S. Patent 6,604,046 B1, and Albaugh et al, U.S. Patent 6,687,831 B1, fails to teach alone, or in

combination, other than via hindsight, at the time of the invention, the features as discussed and

remarked upon in the response of 01 November 2007 to office action of 06/12/2007.

Specifically, (as per claim 1, for example) prior art dealing with distributed Web

applications and associated distributed objects/resources communications/security aspects,

insofar as associated security mechanisms used to support the distributed Web applications are

concerned (i.e., database access across the Internet thru firewalls, etc., using the Java

environment and associated components), is generally known to exist per se, (i.e., enterprise

security maintained in an environment that utilizes CORBA, EJB, IIOP, etc., PrismTech, 'Firewall

Security for Corba and J2ee/EJB with the IIOP Domain Boundary Controller', PrismTech, 2004-2007, Xtradyne White Paper,

entire document, http://www.xtradyne.com/documents/whitepapers/Xtradyne-I-DBC-WhitePaper.pdf). However, nowhere

in the prior art is found collectively the *italicized* claim elements (i.e., the rerouting of proxy

object based requests and subsequent response(s) via separate database access and security

access ports, in a client/server object oriented network environment), *at the **time** of the invention*;

serving to patently distinguish the invention from said prior art;

"1.   An apparatus for accessing data from a database through a security mechanism, the

database being accessible to a database access port, the security mechanism allowing access

through a security access port, the apparatus comprising:

a first application configured to be

   executed on a client computer;

one or more proxy objects

   being generated in response to

      commands from the first application,

   the proxy objects requesting

      data from a database;

one or more drivers configured to be

   stored on a server computer; and

a second application configured to be

   executed on a server computer

      separated from the first application by the security mechanism,

   the second application

      receiving the proxy objects from the first application,

      generating a database query based on

         the proxy objects and

         the drivers and

      returning the database query results to the first application,

wherein the first application is configured

   to **detect a request to pass the proxy objects through**

      the database access port, *and*

   to **switch passage of the proxy objects to**

the security access port, and

wherein the second application is configured

*to **return database query results to***

the first application through

the security access port.".

Conclusion

6.   Any inquiry concerning this communication or earlier communications from examiner

should be directed to Ronald Baum, whose telephone number is (571) 272-3861, and whose

unofficial Fax number is (571) 273-3861 and unofficial email is Ronald.baum@uspto.gov. The

examiner can normally be reached Monday through Thursday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kristine Kincaid, can be reached at (571) 272-4063. The Fax number for the

organization where this application is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. For more information for

unpublished applications is available through Private PAIR only. For more information about the

PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private

PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ronald Baum

Patent Examiner

/R. B./

Examiner, Art Unit 2139

/Kristine Kincaid/

Supervisory Patent Examiner, Art Unit 2139